



Massachusetts Department of Environmental Protection
Bureau of Resource Protection – Watershed Permitting Program
Sanitary Sewer Overflow (SSO)/Bypass
Notification Form

FOR DEP USE ONLY

Tax Identification Number

A. Reporting Facility

1. Facility Information

Hull, MA WPCF

MA0101231

Reporting Sewer Authority

Permit #

2. Authorized Representative Transmitting Form:

Aram

Varjabedian

781-925-0906

First Name

Last Name

Telephone No.

Plant Manager

avarjabedian@woodardcurran.com

Title

E-mail Address

B. Phone Notifications:

1. MassDEP staff contacted:

Contacted By Phone

David

First Name

Burns

Last Name

Date/Time contacted:

8/9/2018 8:30:00am

Contacted by:

2. EPA staff contacted:

Contacted by: Email

David

First Name

Turin

Last Name

Date/Time EPA contacted:

8/9/2018 9:36:00am

3. Board of Health contacted:

Contacted by: Email

Joyce

First Name

Sullivan

Last Name

Date/Time contacted:

8/9/2018 9:36:00am

4. Dir. Of Wastewater Oper. Hull Sewer

Contacted by:

John

First Name

Struzziery

Last Name

Date/Time contacted:

8/8/2018 8:30:00am

5. Others notified:

Harbormaster / Shellfish Warden - Kurt Bomheim, Division of Marine Fisheries - Ryan
Joyce, Hull Conservation Agent - Chris Krahforst, DPW Director - Jim Dow, Town Manager -
Philip Lemnios

Contacted by: Email

Comments Informed by email on 8/9/18 at 9:36am



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C. SSO Information

1. SSO Discovered: _____ Date and Time 08/08/2018 08:10am
By: Eric Sutton
2. SSO Stopped Date and Time 8/8/2018 8:11:00am
3. SSO Discharge from: Other
Sanitary Manhole, Pump Station, Backup into property, Other - Specify Below
Specify: Sludge truck was slightly overfilled with thickened sludge. Release from truck's vent pipe on top of truck.
4. SSO Discharge to: Ground Surface - asphalt driveway
Ground Surface, Direct to Receiving Water, Catch Basin to Receiving Water, Backup into Basement
Specify: spilled material in close proximity to truck onto the asphalt driveway
- Location: Hull WPCF, 1111 Nantasket Ave., Hull, Ma. In front of operations building on driveway by sludge fill pipe.
(Description of discharge site or closest address)
- X,Y Coordinates LAT: 42.305353; LONG: -70.899851
5. Estimated SSO Volume at time of this Report: 30 gallons
Method of Estimating Volume: Visual
Other Method: _____
6. Cause of SSO Event: Other - Specify Below
Rain Event, PS Failure, Insufficient Capacity in System, Treatment Unit failure, Sewer System Blockage, Pipe Collapse, Root Intrusion, Grease Blockage, Other
Specify: Other: Operator error. Truck driver was monitoring filling of truck using the truck's sight glass, which did not indicate adequately how full the tanker truck was. The notification to shut off feed pump was made a little too late, causing slight overfill.
7. Corrective Actions : Sludge pump immediately shut off. Material that spilled was very thick and stayed in the area of the truck. Sandbags were set up to contain contents, especially during the washdown operations. A call for septic pump truck [Rosano-Davis] was made to vacuum up the material.
- Impact Area cleaned and/or disinfected: Yes Corrective Actions Completed: Yes
- Details: All material was vacuumed up, area washed down with washdown water and all water was vacuumed up. Sprayed affected area with sodium hypochlorite solution, and wash down area again, while vacuuming up all washdown water. No water reached down gradient catch basins.



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D. Comments/Attachments/Follow-up

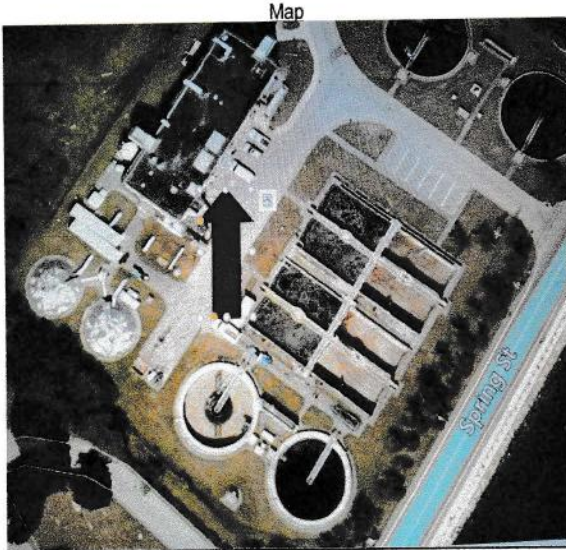
Additional comments and
planned actions:

Review truck filling SOP with staff and trucking company. Truck driver should be inspecting the tank filling from the top
of the truck trailer.

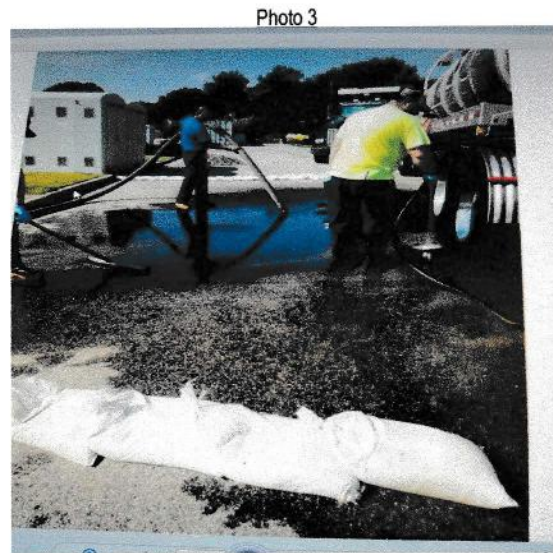
I wish to provide the following:

Attachment

Attachment, Additional Comments, No Additional Comments or Attachments



ARROW SHOWS AREA WHERE TRUCK PARKED





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E. Certification Statement

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Arum Vaigabedian

Signature of Authorized Representative

08/13/2018

Date Signed

Please keep a copy of this report for your records. When submitting additional information, include the MassDEP Incident Number from this report.

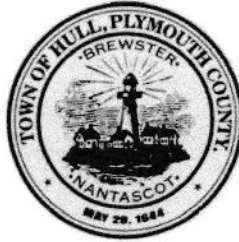
MassDEP Regional Office and EPA Telephone and Fax Numbers:

Northeast Phone: 978-694-3215
Southeast Phone: 508-946-2750
Central R Phone: 508-792-7650
Western F Phone: 413-784-1100
EPA Cont Phone: 617-918-1870
DEP 24-h Phone: 888-304-1133

Fax: 978-694-3499
Fax: 508-947-6557
Fax: 508-792-7621
Fax: 413-784-1149
Fax: 617-918-0870

Town of Hull Wastewater Treatment Plant

1111 Nantasket Avenue
Hull, MA 02045
(781) 925-1207



NPDES Permit #
MA0101231

Unauthorized Discharge Summary Hull WPCF [08-08-18]

Location (address or latitude and longitude);	<i>On SSO form</i>
Date and Time unauthorized discharge began;	<i>On SSO form</i>
Date and Time unauthorized discharge stopped;	<i>On SSO form</i>
Source of the notification (e.g., property owner, field crew, police);	<i>Plant Staff</i>
Type of asset from which the unauthorized discharge occurred (e.g., station, manhole, main);	<i>9000 gallon sludge tanker truck</i>
Estimated gallons released;	<i>Estimated at 30 gallons.</i>
Method used to estimate volume;	<i>Best estimate based upon visual.</i>
Cause of the unauthorized discharge, (blockage or break; mechanical, electrical, or structural failures);	<i>On SSO form</i>
If caused by a blockage, identify the type of blockage (e.g., grease, rags, debris);	<i>NA</i>
If caused by a mechanical, electrical, or structural failure, the date of the last inspection, maintenance, or repair of the failed asset;	<i>NA</i>
Did the release reach any portion of the Town's Municipal Separate Storm Sewer System ("MS4").	<i>Release <u>DID NOT</u> the Town's MS4.</i>

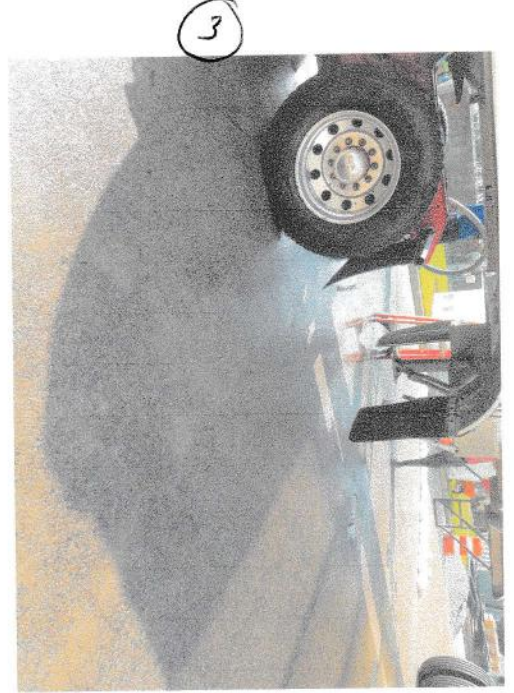
If the release occurred to the ground, provide the location of the nearest down-gradient catch basin and the name of the receiving water to which the catch basin discharges;	<i>Nearest down-gradient catch basin is just past the truck location on both ends of truck in the plant driveway. Catch basins drain toward Hull Bay.</i>
Did the release reach a wetland or surface water? If so, include the name and exact location where?	<i>No</i>
Measures taken to minimize the volume and duration of the unauthorized discharge;	<i>Sand bags set up as well as catch basin "spill mats" in the event any liquid were to reach the catch basins. No material reached the catch basins.</i>
Measures taken to clean the area where the unauthorized discharge occurred;	<i>All solids were vacuumed up, then the asphalt area was hosed down and this water was vacuumed up. Sodium hypochlorite solution sprayed on affected areas, and this areas was then washed down, with all wash water vacuumed up.</i>
Corrective actions taken to prevent reoccurrence of unauthorized discharges at the same location;	<i>Review sludge truck filling procedures with plant staff and trucking company. The truck's sight glass does not give early enough warning and a visual inspection of the tank is necessary.</i>
Date of the last unauthorized discharge in the same general location;	<i>The last incident at the treatment facility was on 3/3/18 [winter storm].</i>

Accuracy: 0.0m

LAT: 42.305353

LONG: -70.899851





- picture 1 - area of sludge on Bay side of truck - very localized
at truck.
- 2 - cleaning/vacuuming up of sludge
- 3 - washed down area (driveway)
- 4 - sludge truck tanker vent
- 5 - area clean-up - contained within sand bags,

Aram Varjabedian

From: Aram Varjabedian
Sent: Thursday, August 09, 2018 9:36 AM
To: Aram Varjabedian; Berardinelli, Terri; Bill Boornazian; david.burns (david.burns@state.ma.us); Dow, James (jdow@town.hull.ma.us); Frank Cavaleri; jstruzziery (jstruzziery@town.hull.ma.us); jsullivan (jsullivan@town.hull.ma.us); Joyce, Ryan (FWE) (ryan.joyce@state.ma.us); kbornheim (kbornheim@town.hull.ma.us); Krahforst, Chris (ckrahforst@town.hull.ma.us); Lemnios, Philip (plemnios@town.hull.ma.us); O'Connor, Carol; Robert Scott (rscott@woodardcurran.com); Turin, David (Turin.David@epa.gov)
Subject: Sludge truck filling incident notice - Hull, MA WPCF - MA0101231

Tracking:

Recipient	Delivery
Aram Varjabedian	Delivered: 8/9/2018 9:36 AM
Berardinelli, Terri	
Bill Boornazian	Delivered: 8/9/2018 9:36 AM
david.burns (david.burns@state.ma.us)	
Dow, James (jdow@town.hull.ma.us)	
Frank Cavaleri	Delivered: 8/9/2018 9:36 AM
jstruzziery (jstruzziery@town.hull.ma.us)	
jsullivan (jsullivan@town.hull.ma.us)	
Joyce, Ryan (FWE) (ryan.joyce@state.ma.us)	
kbornheim (kbornheim@town.hull.ma.us)	
Krahforst, Chris (ckrahforst@town.hull.ma.us)	
Lemnios, Philip (plemnios@town.hull.ma.us)	
O'Connor, Carol	
Robert Scott (rscott@woodardcurran.com)	Delivered: 8/9/2018 9:36 AM
Turin, David (Turin.David@epa.gov)	

Good morning:

While filling the sludge truck tanker yesterday morning, the tanker truck was overfilled slightly at the end of the filling procedure [8:10am]. A small amount of thickened sludge solids spilled out via the truck's relief port out onto the asphalt area adjacent to the truck. The truck sight glass was being monitored at the time, but did not provide an early enough indication to shut off the feed pump that was filling the truck. This spilled material was contained to the immediate area of the truck. A septic pumper truck company was immediately contacted and arrived to the facility to vacuum up the material. A sandbag berm was set up to contain the washdown water, and this water was also vacuumed up. The asphalt area was disinfected with a bleach solution and washed down again, with all water vacuumed up.

No residuals or any water reached the driveway catch basins. A call was made to David Burns this morning [8:30am] to discuss the details of the incident, and per his suggestion to report this event as an "incident notice."

The incident will be reported in greater detail using the DEP SSO report form.

Should you have any questions, please let me know.

Sincerely,

Aram

Aram Varjabedian
Plant Manager
Hull Wastewater Treatment Facility
1111 Nantasket Avenue | Hull, MA 02045
Phone 781.925.0906 | Fax 781.925.3056 | Cell 339.214.8334
www.woodardcurran.com



COMMITMENT & INTEGRITY DRIVE RESULTS